

THE TECH

DAILY

VOL. XXIX. NO. 65.

BOSTON, MASS., TUESDAY, DECEMBER 14, 1909

PRICE ONE CENT

THIRD CHRISTIAN ASSOCIATION DINNER

J. Frank Chase To Speak To- morrow On The White Slave Traffic

Third in the series of December feeds, the Dining Room Management will serve a German dinner to the Technology Christian Association, tomorrow evening, at six o'clock. Served as they are in the card room off the Union, these dinners are proving to be not alone palatable, but novel and entertaining.

The arrangement of tables and the room itself lends an atmosphere to the affairs, which is more often lacking than not, in the more formal banquets or entertainments of such a character. In short during the brief time in which the Association has been conducting these weekly dinners, it has discovered them to be decidedly worth while, if for the sake of the sociability alone.

Following, in addition, the plan by which some one subject of interest shall be presented by the person best able to present it, the Association has chosen for tomorrow night one which has been stirring the country:

The White Slave Trade. The vigorous awakening of American cities to the astounding prevalence of this illicit profession, in the midst of self respecting communities, led to the adoption of more or less violent methods a few years ago, in an attempt to stamp out the evil. Prominent among these cities were Chicago, New York and Boston. And here in Boston, under the leadership of Mr. J. Frank Chase, the fight is as in the more western cities, still going on. The New England Watch and Ward Society, of which society Mr. Chase acts as secretary, takes for its object, "the promotion of public morality, and the removal of agencies manifestly tending to corrupt the morals of youth." Visibly, such an undertaking cannot be carried on without an immense expenditure of energy. Nor can it meet with success without a heap of what the down easter calls "stick-to-itiveness." Mr. Chase, formerly a minister in the Methodist Church, has apparently enough of both energy and patience. And what is more, he has courage. It is not unlikely that on more than one occasion has his very existence rested on a somewhat shifty foundation. His work puts him in touch with the world as it is. For four years he has been carrying it on, with his headquarters in this city. He has seen a good deal of what is practically unknown to the greater body of men, or if known to them is not particularly thought about. He has worked to interest this great body in the stamping out of this meanest of practices. And with the Society, he is now seeking support "in encouraging public authorities, by example and precept, to enforce the laws against the crime of vice with as much zeal and determination as they now show in enforcing laws against crimes of violence."

No other person in Boston could present so vividly or with so much authority the question of the White Slave Traffic, as will Mr. Chase tomorrow night. And probably no more valuable a ten minutes to students of the question, will be open to Institute men during the entire year. It is an opportunity.

Following the custom of the evening, the dinner will split into groups after the address, for the discussion of the topics "Political Service and Christian Citizenship," under the leadership of Mr. Johnson and of Mr. Pennock, both of the Emanuel Church. Outlining the question, the headings (a) Essentials to civic helpfulness, (b) political reforms, and (c) relation of the Christian man to the state, will be discussed in order.

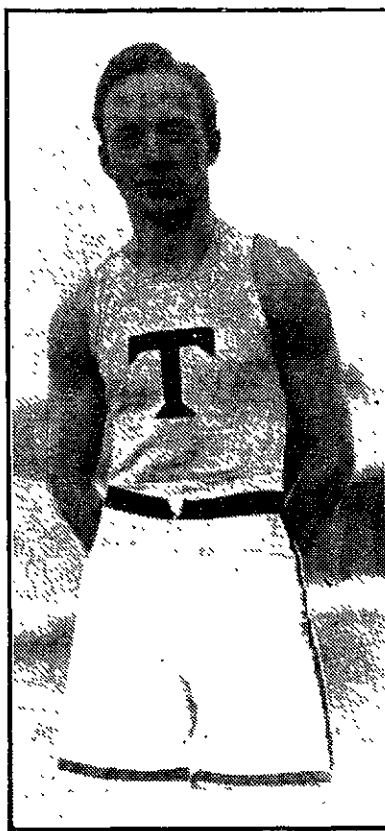
PRACTICE TO START THIS AFTERNOON

All The Candidates For Spring Track Team Expected To Work Soon

This afternoon indoor track practice will be actually started at the gym. Coach Frank Kanaly expects to have a large squad out, and has high hopes for the team if enough candidates report.

In an interview with him he said, "The following men are those who have at some time between October, 1907 and December 1909 shown promise as track team material having been selected from records kept by me. All of these men are probably now in the Institute and if they will come out and help the squad practice they would certainly go a great ways towards putting Tech at the top of the N. E. I. A. A. track and field standing.

I also want all these men not only to practice next spring but to start in now and keep working indoors this winter.



K. D. FERNSTROM 1910
Prominent Track Man

These men are:

Ray Allen, Capt., W. D. Allen '11, V. W. Allen '12, G. R. Alden '13, A. R. Atwater '13, F. C. Balke '13, V. V. Ballard '12, J. M. Beale '12, J. Becker '12, T. F. Bell '10, D. F. Benolw '12, J. Bernhard '13, H. S. Benson '12, H. L. Birchard '13, R. D. Bonney '13, L. Bowman '13, J. L. Bray '12, E. W. Brewster '13, C. W. Brett '13, D. Brown '10, H. G. Burnham '13, W. R. Bylund '13, C. F. Cairus '13, A. Campbell '12, K. Cartwright '12, A. D. Conant '13, O. V. Chamberlin, M. W. Christie '12, L. Cooley '11, Z. Croker '13, G. Cummings '10, P. Dalrymple '12, W. S. Davis '10, E. W. De Witt '11, C. E. Dodge '12, L. B. Duke '12, J. L. Drummey '13, W. N. Eichorn '13, C. P. Eldred '11, K. D. Fernstrom '10, E. E. Ferry '12, R. M. Ferry '12, H. M. Foley '12, R. C. Freeman '13, L. O. French '10, H. C. Frisbe '13, C. L. Gabriel '12, R. L. Gaus '13, W. A. Gentner '13, W. N. Gere '12,

(Continued on page 3.)

REPORT OF RETIRING TREASURER, F. R. HART

Gifts From Alumni Most Strik- ing Feature--Other Gifts Mentioned

The report which the retiring treasurer, Francis R. Hart, of the Institute, has just presented, is of particular interest because it is the first report of this kind made out according to the standard schedules recommended by the Carnegie Foundation for the Advancement of Teaching, for universities, Colleges and technological schools throughout the country.

The first item in his report shows that the income for the year ending September 13, 1909, was \$545,974.84, while the expense was \$575,794.35, making a deficiency of income of \$29,819.51. This deficit, which is practically the same as that of a year ago, takes into consideration the gifts received during the year for general purposes and in this respect differs from the smaller deficits of past years. This fact brings out prominently the pressing need of an ample endowment, a fact brought out strongly in President MacLaurin's report, for this splendid institution which has for the past ten or fifteen years drawn little from this community which should be its chief support.

One of the most striking features of the report is the fact that the alumni gave over \$41,000 for the support of the Institute during the past year. This is the fourth of five installments of the Technology Income Fund raised by the alumni, making the total gifts from this source \$168,021.00 to date. This money is given for general purposes and without it the deficit for the present year would have been over \$70,000.

The Institute received no other gifts during the year for general expenses.

Among the more important gifts for special purposes was one of \$8,000. for the Sanitary Research Fund, \$3,000.00 for the Physico-Chemical Research Fund and \$1,500.00 for the Naval Architectural Fund. The total gifts in cash for the year, including the alumni fund, amounted to a little over \$75,000.00.

The Walker Memorial Fund, for building a student social centre in memory of President Walker, also raised by the alumni, now amounts to \$120,000.00. It will thus be seen that Technology alumni have raised for their alma mater almost \$300,000.00, which includes no large gifts and with out which the funds of the Institute available for general purposes, would very soon be dissipated.

On the balance sheet of Mr. Hart's report the invested assets are shown to be \$2,185,822.00. The educational plant which includes land, buildings and equipment has been valued nominally at \$1,700,000.00.

It is a pleasure to note that the Institute through all its vicissitudes has kept entirely free from debt.

WON FIVE OUT OF SEVEN

Samuel M. Schmidt 1911, president of the Chess Club, won five games out of seven when he gave an interesting exhibition of simultaneous play against several members of the club at the Union last Saturday afternoon. The two men winning were R. F. Burnett 1910 and Hamilton Merrill 1912.

The following are the men who played: R. F. Burnett 1910, Hamilton Merrill 1912, H. D. Mitchell 1912, S. C. Neff 1912, Wilbur Everett 1908, Louis Schwartz 1911.

WIRELESS SOCIETY BUSY RECEIVING

Messages Intercepted From As Far As Delaware And New York

The Members of the Wireless Society have been busy the past week experimenting with the various receiving instruments which were set up the first of the week. Men may be found there at all times of the day "listening in" to the incoming signals. The best long distance work so far was done by J. H. Ellis 1912, who picked up "D F" and also "D U" Sunday night, both stations coming in strongly. The former is a New York station while the latter is a Delaware station. This is quite remarkable in view of the fact that the antenna is only temporary, and consequently a very crude affair.

At the meeting of the society held last Friday, about thirty members attended. Four new members were voted in and the shingles were given out. At the close of the meeting a short explanation of the receiving instruments installed in the society's station was given by E. H. Guilford 1912.

The society hopes to install soon, instruments which will measure the strength of the incoming waves. Two more sets of receiving instruments will soon be set up together with several different types of detectors, and the whole apparatus will then be arranged so that several messages can be received at the same time.

MUSEUM OPEN TO STUDENTS

The new Art Museum is now open to all students in Boston colleges. Every man in the Institute should take advantage of the present time to visit this admirable collection of art treasures. Too many engineering students are likely to neglect the culture side of their education and to forget that things not directly connected with their professional work are often of great value. A man may be a good engineer without developing his artistic side but it is safe to say that he would be a better engineer if he had broadened his mental horizon by the study and appreciation of fine paintings and sculptures. Tech men are now offered a chance to see some of the best examples of art that the world has produced and they alone are to blame if they let this opportunity slip by without taking advantage of it.

THREE PRIZES OFFERED

Doubleday, Page and Co., publishers of New York have inaugurated an interesting competition in which Technology students may take a part. The competition is open to undergraduates or graduates of not more than five years standing, of all American colleges and universities, and the prizes are to be: first, \$20; second, \$15; third, \$10.

These prizes are to be given for the best critical reviews of the novel entitled "The Southerner" and the manuscript of these criticisms must be in before February 15th, 1910.

CALENDAR.

Tuesday, December 14.

4:00 Track Practice at Gym.

6:30 C. E. Society Dinner at Union.

Wednesday, December 15.

6:30 T. C. A. Dinner in Union.

THE TECH.

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Tuesday Issue.

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BOSTON, MASS., DECEMBER, 14, 1909.

COMMUNICATION

To the Editor of the Tech:

Why do the undergraduates persist in treating the Union as though it were their own personal property to be used without regard for the rights and comfort of others?

Is it not understood by the student body that the Union is their's to use in company with the rest of us and that it does not belong to one more than to another? Do they think that it is their right to strew the floors and tables with waste paper and refuse which they are too lazy to throw in the receptacles provided for the purpose? Many might remember also that cuspidors are provided for the use of those who need them and that the proper place to expectorate is in these and not on the floor.

A Frequenter.

CURRENT EVENT

Fifty-six million miles from the earth, 146,000,000 miles from the sun, more than three times as large as the earth in diameter—these are the facts which have been determined by Zaccarius Daniel, 1908, a graduate student of Princeton University, about the new comet which he discovered on the evening of Dec. 6 last while perched on the roof of the Princeton Observatory sweeping the heavens, as he has done on every clear night, summer and winter, for years, with his five and three-quarter inch telescope.

INTERCOLLEGIATE NEWS

For the first time in Yale's history the Ten Eyck prize for speaking, was won by a Chinese. When Yun Hsiang Tsao of Shanghai, junior, was awarded the honor. His subject was "American and the Far East." The award carries with it the income of a fund of \$2,600.

The foundation of what it is thought was the original Harvard College building has been unearthed on Massachusetts avenue, Cambridge, in excavating for the new Cambridge subway. If the walls uncovered did not belong to the first college structure, they probably were part of the house of Edward Goffee, which was acquired by the college in 1654 and converted into a dormitory. This house stood on the lot adjoining the single building which then comprised Harvard College.

To assist in the raising of a fund by graduates to secure the large gift conditionally promised by the General Educational Board to Bryn Mawr College, the "Medea" of Euripides, in Gilbert Murray's English translation, was produced under the auspices of the Bryn Mawr Club of Boston.

MUSICAL CLUBS

Last evening the musical clubs gave a concert at Norumbega Hall, Auburndale, for the Auburndale Town Improvement Society. The program was the same as given last week in Wellesley.

"THE HORNET'S NEST"

Dress-suited and high-hatted, Cupid sat in the Cradle waiting until it should be time for the 6:20 to Swellesley, where he was to attend some sort of a concert. We had been discussing the Freshman dinner, and Cupid was taking the part of the Freshman. "I don't see what you fellows have to do with it, anyway," he said. "Why shouldn't the Freshmen go where they please to dinner? If they can get a good dinner and whatever they want to drink at the Crawford House, I think they're right to go there."

"Spoken like an architect," said Dick. "Haven't you any sense of class distinction youngster? Why should the Freshmen take it upon themselves to institute new customs, instead of following the example set by the Seniors, Juniors and Sophomores? What right have they to adopt a plan hitherto reserved for Seniors at their last meeting before graduation?"

"Well, we do look up to the upper-classmen," said Cupid. "We nigger for them on their problems, but they don't attempt to tell us where we should go to get a glass of beer."

"Besides," said Billiken, "they can get a good dinner at the Union for less than a dollar. They gave the Seniors a mighty good feed for seventy-five cents. And I'm not sure that it wouldn't be best to limit Freshmen to light beer besides."

The Union needs support, too, said Cad, who had taken no part in the discussion until now. "We had a similar case down at Cadonia once. The Freshmen arranged for a big dinner down town, contrary to all precedent. A mass meeting of the three upper classes was called, committees were appointed, and that night eighty-nine Freshmen went in the frog pond. Next day posters were up announcing that the place of the dinner had been changed to the college Commons."

"Well, anyway," said Dick, "I'll bet they don't sell more than two hundred tickets at a dollar."

"I guess I'll have to be going," said Cupid, rather sheepishly. "It's nearly 6:20 now."

FOWNES GLOVES

The way they're made has a good deal to do with the way they wear.

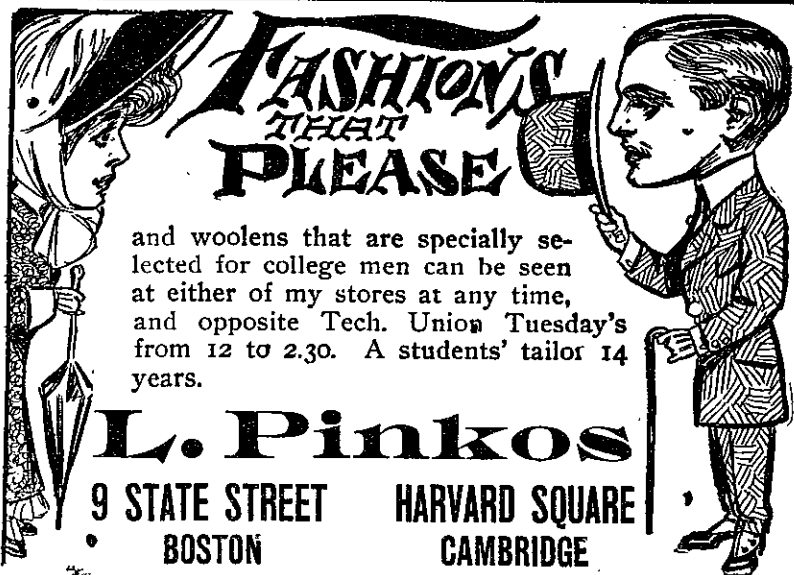
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TRACK WORK STARTED

(Continued from page 1.)

L. R. Golden '11, H. S. Gott '10, A. A. Gould '10, R. H. Gould '11, J. Grant '12, K. Greenleaf '12, K. D. Hamilton '13, L. Hart '13, P. Hart '10, B. C. Huber '10, L. S. Hubbard '13, E. Jacobs '10, R. W. Jacoby '10, C. R. Johnson '11, W. der Katzenberger '13, E. Kenney '11, C. P. Kerr '11, S. P. Kimball '11, W. W. King '10, G. T. Lane '13, J. G. Lanning '13, P. G. Lauman '11, M. Lewis '13, P. C. Lieber '13, H. Lockett '10, W. T. MacCreddie '11, J. D. MacKenzie '11, E. Mangan '12, H. L. Manley '12, J. L. McAllen '11, E. T. Marceau '12, W. R. Mattson '13, J. P. Maxfield '10, N. D. MacLeod '13, H. S. Milliken '13, L. O. Mills '11, W. Morrison, I. F. Morrisson '11, E. Montgomery '12, J. I. Murray '12, L. Niles '11, D. V. Nason '13, M. A. Oettinger '12, J. R. Park '12, W. J. Pead '10, H. D. Peck '13, M. R. Pevear '12, H. R. Perry '10, N. H. Poor '13, E. M. Potter '10, K. Prun '12, R. A. D. Preston '10, H. M. Rand '13, S. E. Reed '12, W. A. Rhodes '12, H. H. Robinson '12, S. E. Rogers '13, J. H. Ruckman '10, W. M. Ruby '12, F. Russell '10, W. C. Salisbury --, K. D. Sampson '13, S. C. Sargent '12, W. J. Seligman '11, F. J. Shepard '12, R. Sinythe Martin '13, J. J. Strachan '13, E. Stewart '10, P. E. Swartout '13, J. I. Taylor '12, H. G. Thompson '12, R. C. Thompson '13, H. C. Thierfield '13, H. S. Tirrell '12, C. E. Trull '13, R. D. Van Alstyne '12, L. B.

Walker '12, E. L. Wadsworth '13, H. G. Watkins '12, R. M. Weeks '13, J. B. Welch '13, P. G. Whitman '13, P. D. White '11, W. L. Whitehead '13, D. V. Williamson.

Coach Kanaly stated that with a bunch of men like this in the Institute, who have at some time shown some spirit in athletics, we should have at least two hundred candidates out for the team.

This list is not wholly complete, for several men have been forced through physical weaknesses to stop the strenuous exercise afforded by track work.

Coach Kanaly further said, "that it is quite possible in making up a list as large as this, that some men have been overlooked but just because your name is not down do not think you are not wanted." He said, "a great many men are now in the Institute whom he knows have done track work outside in other schools before coming here and have not reported. All these men should come out and if they do so there is no reason why we should not show the alumni we can win a championship in 1910 as well as they did in 1894."

The men are to practice in the gym Tuesdays, Thursdays and Saturdays, and for a while on the board track on the oval on Mondays. Everyone come out, whether or not you can run or walk, to help win the Intercollegiate next spring.

CORRECTION

In the Tech's summary of winter track sports it was stated that the team would compete in the N. Y. A. C. meet at New York. This statement should have been that Technology has competed in the Intercollegiate meet which is held in Madison Square Gardens, instead of in the N. Y. A. C. meets.

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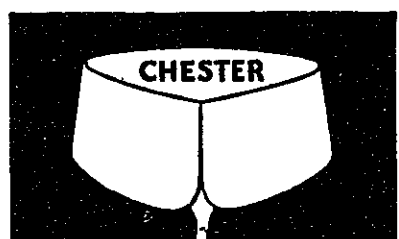
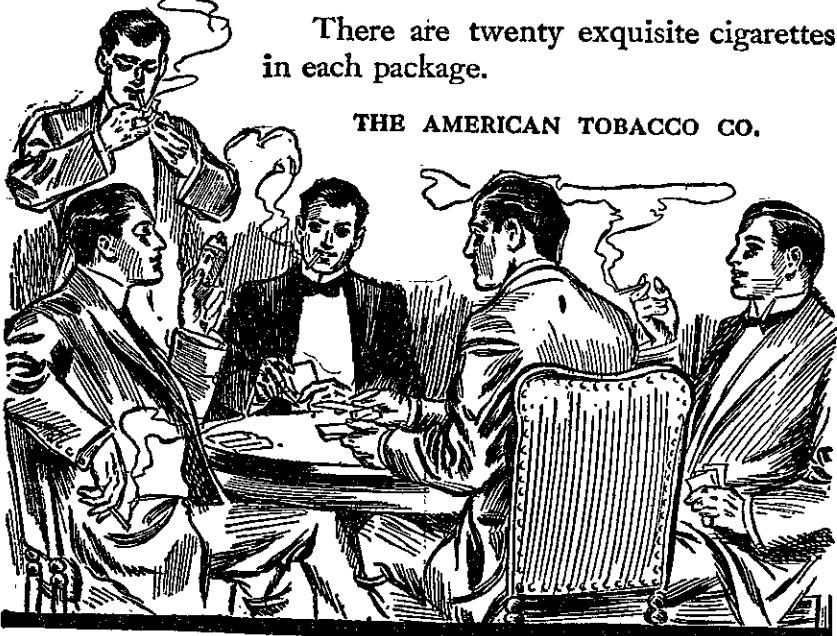


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GENERAL NOTICES.

FIRST YEAR.

Conference hours for students who wish to confer with Heads of Departments in regard to the Choice of Course.

Conference hours for students who wish to confer with Heads of Departments in regard to the Choice of Course.

COURSE I—Prof. Spofford will meet students on Tuesday, Dec. 21st, from 1 to 1:30 in 42 Eng. A.

COURSE II—Prof. Lanza will meet students on Thursday, Dec. 16th, from 1 to 1:30 in 11 Eng. B.

COURSE II—Prof. Richards will meet students on Friday, Dec. 17th, at one o'clock in 2 Rogers.

COURSE IV—Prof. Chandler will meet students Thursday and Friday, Dec. 16th and 17th, at 4 P. M. in 42 Pierce.

COURSE V—Prof. Talbot will meet students on Wednesday, Dec. 15th, at 1 P. M. in 6 Lowell.

COURSE VI—Prof. Jackson will meet students on Monday, Dec. 20th, at 1 P. M. in 6 Lowell.

COURSE VII—Prof. Sedgwick will meet students Tuesday, Dec. 14th, at 4 P. M.; Wednesday, Thursday, and Saturday, Dec. 15th, 16th and 18th at 12 o'clock, in 27 Pierce.

COURSE VIII—Prof. Cross will meet students any day but Saturday at 12:05 in 11 Walker.

COURSE IX—Prof. Talbot will meet students (see Course V).

COURSE XI—Prof. Porter will meet students on Wednesday, Dec. 22nd, from 1 to 2 in 46 Eng. A.

COURSE XIII—Prof. Peabody will meet students Tuesday and Thursday, Dec. 14th and 16th, from 2 to 4 in 31 Eng. C.

COURSE XIV—Prof. Goodwin will meet students Tuesday and Wednesday, Dec. 14th and 15th, from 1 to 2 in 2 Walker.

PHYSICAL SOCIETY.

The next meeting of the Society will be held in Room 20, Walker, on Thursday, December 16, at 4.30.

Dr. K. G. Falk will speak on "The Change in Refractive Index with Temperature." D. F. COMSTOCK.

MILITARY SCIENCE.

The Drill hour, on Mondays and Fridays, on and after January 3rd will be changed from three to two o'clock.

WALTER HUMPHREYS,
Registrar.

ELECTRICAL ENGINEERING.

There will be a final examination in Electrical Engineering (693) on Saturday afternoon, December 18th, from 2 to 4, in Room 20, Engineering Building A.

WALTER HUMPHREYS,
Registrar.

Names Posted.

The names of officers of Technology organizations, are posted on the Institute Committee's bulletin board in the Union Social Room. Send corrections to Kerr, the Cage.

THEY ARE COMING. THE ANTS?

NO, OUR PATRONS! THE ANTS ARE ON THE MOVE—GOING, GOING, GONE! COME AND SEE.

TECH UNION.

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C. E. Society Dinner.

At the Union, Tuesday, Dec. 14, at 6.30 P. M., sharp, Prof. Fay will talk on "Causes of Failure of Structural Materials."

The next meeting of the Chemical Society will be held at 8 P. M., Dec. 15th, on the lower floor of the Union. Dr. A. A. Noyes will speak on "The Use of Indicators in Volumetric Analysis," and will illustrate his talk by experiments.

All interested in Chemistry should come.
Refreshments. 64,65,66.

A few remaining copies of last Saturday's special issue will be on sale at the Cage today.

WANTED—A copy of the June 5th, 1905, "Junior Prom" issue of the Tech. Will person having a copy communicate with the Circulation Manager of the Tech?

1910 nominations for the Senior Portfolio Committee, will be received until 5 P. M., Wednesday, Dec. 15, 1909. All nomination must be signed by ten members of the class and left at cage.

1910. Only those Seniors who have paid their class dues up-to-date, will be allowed to vote. Names of those who have not paid will be posted up in the Union. Dues may be paid to W. O'Hearn, I and XI; L. O. French II; R. Goodwin, III; H. S. Clevedon, IV; E. M. Potter, VI; D. Clapp, X; M. P. Anderson, XIII and Luther Davis, XIV.

1913.

Today is the last chance to buy dinner tickets. Every one get busy. Square room, steam heated, large closet, hot and cold water, \$3.00, 426 Mass. Ave., Suite 3. Mrs. Cleveland.

Football team meet at Marceau, the photographer, 160 Tremont St., at 3.20 P. M. Wednesday, Dec. 15th. Bring football togs.

Square room, steam heated, large closet, hot and cold water, \$3.00. 426 Mass. Ave., Suite 3, Mrs. Cleveland.

LOST.

Will the person who took the overcoat from locker No. 275 in the Mechanical Lab., Friday afternoon, please leave the same at the cage for E. R. H. '11.

Lost, 1912 class pipe. Finder please return to Box 114 Cage. \$2 reward. 64,65,66.

In or near Rogers building, a gold cuff link, bearing W. G. in script. Finder please leave at Cage.

Third year Heat Problem Books have been returned and will be found on the table in the lower corridor in Walker.

WINTER CONCERT.

Seats may be reserved until Thursday, Dec. 16. All seats not paid for at that time will be open or general sale. W. W. WARNER, Mgr.

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